

to call *Lophacanthus**; and to it I add the specific name of *Taylori*, in honour of the discoverer.

Horizon and Locality. Shale above the Low Main Seam, Newsham, Northumberland.

XXI.—On the Nomenclature of Polyzoa, Busk.

To the Editors of the *Annals and Magazine of Natural History*.

GENTLEMEN,—My friend Mr. A. W. Waters, F.G.S., has lately referred (in your Number for January 1880) to my use of the word "Polyzoa" (in Dixon's 'Geology of Sussex,' new edition, pp. 200 and 311) for the *group* as determined by Mr. Busk, F.R.S., instead of for the *zooïd* as applied by Thompson. I am sorry that I did not write as accurately and clearly as might have been. Instead of "POLYZOA, Thompson," I should have written "POLYZOA, Busk;" and I ought not to have stated that "the *Polyzoa* were first defined by Dr. J. V. Thompson," &c., but that, *following up Thompson's researches, Mr. Busk completed the determination of the group*. In my own words, I repeat that "group-names are indications of advancing scientific knowledge, and not to use the best is to keep science back." Further, "the published name of a species is (or ought to be) not only the established appellation of a distinct form in nature, but also the registered evidence of the successful labour and acumen of its discoverer and describer," whilst the complete mastery of such natural groups as genera &c. comes with time.

On another point,—if your readers please to refer back to the *Ann. & Mag. Nat. Hist.* vol. vii. no. 44, June 1841, pp. 301 *et seq.*, they will find a transcript of Ehrenberg's finished classification from the *Trans. Berlin Acad.* for 1838, when his "Bryozoa" comprised four orders, the first of which consists of the "Polythalamia;" and all of these, except *Lunulites*, *Cupularia*, and *Flustrella*, are FORAMINIFERA. Consequently Mr. Waters has to take this matter into his further consideration. For my part I am quite willing to accept Mr. Busk's determination of the group (see *Ann. & Mag. Nat. Hist.* ser. 2, vol. x. p. 352, 1852; *Cat. Polyzoa Brit. Mus.*; and *Monogr. Pal. Soc.*, *Polyzoa of the Crag*, &c.) as the latest and the best; and I shall not trouble you with any further correspondence on the subject.

Your obedient Servant,

T. RUPERT JONES.

Camberley, Surrey,
Feb. 10, 1880.

* λόφος = a ridge.